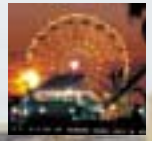
◁ The design of this solar-powered fountain integrates PV cells on a curved surface to catch the changing angles of the sun. They are specially sized, configured, and wired polycrystalline cells on custom-designed modules from Kyocera Solar. The fountain is depicted among the Cooper-Hewitt National Design Museum's images in their "Under the Sun" exhibit. *[Photo courtesy Alt. Technica]*



◁ Solar takes a happy turn at a seaside park at the Santa Monica Pier (California) where a 50kW Siemens Solar system is one of a number of high visibility demonstrations that build public awareness of the environmental value of renewable technologies. This is the world's first solar-powered ferris wheel. *[Photo courtesy Siemens Solar Industries]*

▷ Everyday life for children of the Laguna Pueblo in New Mexico will be enhanced when the proposed Laguna Youth Facility at the old Majors Ranch becomes a reality. The existing PV will be augmented with 2kW of PV for electricity and a 1.2kW PV system for water pumping to power the main house, a dormitory for kids, and other outbuildings. A wind turbine will provide 10kW of electricity. The ranch is 10 miles off-grid. *[Photo courtesy Diversified Systems Manufacturing]*

Serenity Studio, Prescott, Arizona, is the first known solar-powered sound recording studio in the U.S. PV power ensures no electrical surges or power outages. The studio uses about 1000 watts of power in full operation and is powered by 14 Siemens 75 W panels with a Trace inverter—tied to PV on an adjoining residence. *[Photo courtesy Carol Hills]* ▽

▷ The Indian Pueblo Cultural Center, Albuquerque, New Mexico, integrates a PV awning beautifully with its building. The Zia design was cut into the center row of panels, creating a stunning effect when sunlight paints the sacred Indian symbol onto the sidewalk below. Native American-owned Diversified Systems Manufacturing designed and oversaw the project. Energia Total, Corrales, installed the system, which incorporated AstroPower modules. The solar carport is the largest commercial PV array in the state. *[Photo courtesy Sandia National Laboratories]*

▷ PV provides portable power for computers. This SunWize unit means you can work away from the electrical grid as long as the sun is shining to power the portable energy system. *[Photo courtesy SunWize]*

▽ This PV-assisted, grid-connected clock tower is the centerpiece of SunMicrosystems $200 million campus in Burlington, Massachusetts. Modules were provided by ASE Americas. The outstanding design was created by architect Sun-Hok. *[Photo courtesy ASE Americas]*

◁ **PV provides power where you need it on recreational vehicles of all kinds—even those on water.** *[Photo courtesy Kyocera Solar, Inc.]*

△ Solar-powered refrigerators provide the security of foodstuffs in emergency or back-up power situations. Shown here is the SolarFridge by Simpler Solar, Tallahassee, Florida. *[Photo courtesy Simpler Solar]*

▷ PV for wireless communications is a welcome addition. If you're stranded because of an auto malfunction, car phones—made possible by solar power—provide security, safety, and relief. *[Photo courtesy Kyocera Solar, Inc.]*

▷ Lawnmowers in the U.S. burn nearly 800 million gallons of gas each year. One response is this Solar Mower™. *[Photo courtesy The Green Culture]*

▷ This solar-powered lantern is great for camping or emergency use. Have light anywhere you need it, free of lines, propane tanks, and messy lamp gas or oil. A full charge provides 4-6 hours of light. *[Photo courtesy Solar Utility]*